MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2016/2017

DWD5038 – WEB DESIGN

(DBA)

2 JUNE 2017
3.00 p.m. – 5.00 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENT:

1. This Question paper consists of **6 pages** with 3 sections.
2. For **SECTION A** and **SECTION B**: Answer **ALL** questions on the OMR sheet provided.
3. For **SECTION C**: Answer **ALL** questions in the Answer Booklet provided.

Section A: Multiple Choices Questions (10 marks)

*Instruction: Please mark your answers on the **OMR sheet** provided.*

1. The followings are the organisations that responsible for implementing and monitoring internet standards **EXCEPT**:
   A. Internet Society (ISOC)
   B. World Wide Web Consortium (W3C)
   C. World Wide Web (WWW)
   D. Internet Corporation for Assigned Names and Numbers (ICANN)

2. The following are the processes involve in packet switching **EXCEPT**:
   A. Messages are broken up into small packets before they are sent.
   B. Packets are individually transmitted through computer network by the best route available.
   C. Packets are reassembled and broken up into smaller packets at each router point through network before it reaches its final destination.
   D. Carry information in the header so that all packets can be reassembled in a correct order to form the original data.

3. _____ is a collection of related web pages containing images, videos or other digital assets.
   A. Web site
   B. Web security
   C. Index page
   D. Webmaster

4. _____ is a person who designs, creates, monitors, and evaluates corporate Web sites.
   A. Web site
   B. Web security
   C. Index page
   D. Webmaster

5. _____ is an opening page of Web site and also known as homepage.
   A. Web site
   B. Web security
   C. Index page
   D. Webmaster

6. Which of the following is the **CORRECT** Uniform Resource Locator (URL) format?
   A. https://cdp/DipBA_index.docx
   B. http://cdp@mmu.edu.my
   C. http://cdp.mmu.edu.my/DipBA_index.asp
   D. http//:cdp.mmu.edu.my/DipBA_index.asp

7. Which of the following organisation administers the name space for the *.my* top level domain (TLD) in Malaysia?
   A. JARING network
   B. RANGKOM network
   C. Malaysian Network Information Centre (MYNIC)
   D. Telekom Malaysia Berhad

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8. Internet addresses use an addressing method known as _____.
   A. Domain Name System (DNS)
   B. Domain Name Server (DNS)
   C. Internet Service Provider (ISP)
   D. Internet System Provider (ISP)

9. The _____ is an example of web browser for a desktop computer.
   A. Microsoft Outlook
   B. Adobe Dreamweaver
   C. Notepad++
   D. Microsoft Edge

10. In a client-server model, the _____ responds to the request from the _____.
   A. web caching; web client
   B. web client; web caching
   C. web server; web client
   D. web client; web server

Continued...

Section B: True/ False Questions (10 marks)

*Instruction: Please mark your answer A for **TRUE**, or B for **FALSE** on the **OMR sheet** provided.*

11. HTML and JavaScript both are case sensitive.
12. `lang` in `<HTML lang-"en">` defines the language of the HTML page.
13. `<!== This is comment.==>` is the correct syntax for comment tag in HTML.
14. There are 6 levels of headings in HTML.
15. Definition lists are based on `<li>` for list items.
16. `<delete>` tag in HTML is to define a text has been deleted from a document.
17. `<em>` tag in HTML is to underline text in document.
18. `<hr>` tag in HTML can be used to create a horizontal rule across the document except within headings.
19. By default the list starts with "*disc*" for ordered list.
20. In HTML, value "0" in `<table border="0">` is to remove table border line.

Continued...

Section C: 4 Structured Questions (80 marks)

*Instruction: Please write your answers in the **Answer Booklet** provided.*

Question 1

Write a complete **HTML** code for the following table (based on the requirements below):

Requirements:

- Set table border to 1.
- Set "*Training List 2017*" as caption to the table.
- Set table header for the following: "*In-house training list*", "*Training Title*", "*Date*", and "*Category*".
- Insert image "*new_icon.png*" after the "*Influential Communication Skills*" (assuming the image is in the same location as html file).
- Display disc bullet list for "*24 May 2017 – Melaka*" and "*25 May 2017 – Johor*".
- Italicize the word for "*To be updated later*".

Training List 2017

In-house training list		
Training Title	**Date**	**Category**
Enhance Your Communication Skills	• 24 May 2017 - Melaka • 25 May 2017 - Johor	Communication
Influential Communication at Work NEW!		
Email Etiquette	*To be updated later*	Business Etiquette

(20 Marks)

[Total: 20 Marks]

Question 2

Write a complete **HTML** code for the following form (based on the requirements below):

Requirements:

- Set heading 2 for "*Online Invitation*".
- Italicize the word for "*To Celebrate the Wedding of Hasyraf and Neessa on 07th December 2017*".
- Set maximum size for "*Your Name*" input field to 40px and display "*Full name here*" as its hint.
- Set and allow multiple selections for "*Friend's of*" (options: "*Hasyraf*" and "*Neesa*").
- Set options for *RSVP* dropdown list to "*Yes*" and "*No*".
- Set the width of the "*Remarks*" input field to 50px and its height to 5px, and display "*Write your remarks here.*" as its hint.
- Create one button to allow user to submit the form.

Continued...

Online Invitation

To celebrate the wedding of Hasyraf and Neesa on 07th December 2017

Your Name: Full name here

Friend's of: ☐ Hasyraf ☐ Neesa

RSVP: Yes ▾

Remarks:

Write your remarks here.

SUBMIT

Figure 1: Printscreen of Online Invitation form in browser

(20 Marks)

[Total: 20 Marks]

Question 3

a) Write the result for the given XYZ value from the **JavaScript** segment code below:

```
if (XYZ >= 50)
      result = 10;
else if (XYZ == 40)
      result = xyz * 2;
else if (2 * XYZ >= 5)
      result = XYZ * 2;
else if (xyz < 5)
      result = XYZ - 3;
else
      result = 0;
```

i) XYZ = 51 (2 Marks)
ii) XYZ = 50 (2 Marks)
iii) XYZ = "twenty" (2 Marks)
iv) XYZ = 25 – 4 * 5 (2 Marks)
v) XYZ = -5 (2 Marks)

b) Write only **JavaScript** code for the following sample output (based on the requirements below):

Requirements:

- Declare variable "*weight_kg*" and "*weight_pound*".
- Use *weight_kg* variable to obtain weight from user (refer to Figure 2) with the message to display: "*Enter weight in kilogram*".
- Use *parseFloat()* to convert the string values to floating-number values and store it in the same variable name as used in *weight_kg*.
- After obtaining the input, display the message to user as in Figure 3 by using the following formula:

Weight in pound = weight in kg x 2.205

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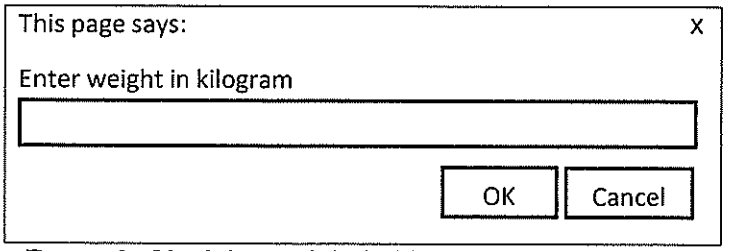

Figure 2: Obtaining weight in kilogram input from user.

1kg is equals to **2.205pound**

Figure 3: Display output to user.

(10 Marks)

[Total: 20 Marks]

Question 4

Write a complete **HTML** and **internal** (using **class**) **CSS** code for the following output (based on the requirements below):

Requirements:

- Set heading 2 for "*Quotes of The Day*".
- By using paragraph tag, set font size for "*When Life Gives You Lemons..*" to 20px, bold, double border style, italicize, and centered.
- Set body background colour to "orange".
- Use "*love.png*" as list style for the following items:
  - When life gives you lemons, take it, it's free.
  - When life gives you lemons, make watermelon juice. Then sit back and watch the world try to figure out how you did it.
  - When life gives you lemons, construct a crude electrochemical battery.
- Set to bold, italic and underline only for "*When life gives you lemons, make watermelon juice. Then sit back and watch the world try to figure out how you did it.*" list.

Quotes of The Day

When Life Gives You Lemons..

- When life gives you lemons, take it, it's free.
- *When life gives you lemons, make watermelon juice. Then sit back and watch the world try to figure out how you did it.*
- When life gives you lemons, construct a crude electrochemical battery

(20 Marks)

[Total: 20 Marks]

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